

**CLAIMS**

1. A method for bleaching or whitening of a dairy product comprising  
5 incorporating lipoxxygenase (LOX) into the dairy product.
1. A method according to claim 1, wherein LOX is incorporated before,  
during or after the production of the dairy product.
2. A method according to claim 1 or 2, wherein from 10 to 10000 units of  
LOX is added per gram of the dairy product.
- 10 4. A method according to any one of the preceding claims, wherein the dairy  
product contains at least 10% w/w on dry solid basis of components of milk.
5. A method according to any one of the preceding claims, wherein the dairy  
product is milk, cheese, butter oil, cream or whey products.
6. Use of a LOX to bleach a dairy product.
- 15 7. A use according to claim 6, wherein from 10 to 10000 units of LOX is used  
per gram of dairy product.
8. A use according to claim 6 or 7, wherein the dairy product contains at  
least 10% w/w on dry solid basis of components of milk.
9. A use according to any one of claims 6-8, wherein the dairy product is  
20 milk, cheese, butter oil, cream or whey products.
10. A dairy product which is bleached by LOX or bleached by a method  
according to any one of claims 1 to 5.
11. A dairy product comprising a LOX.